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L1	1290	380/28.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 09:35
L2	805	380/44.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 09:35
L3	236	380/45.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 09:35
L4	193	380/47.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 09:58
L5	364	hierarch$6 near5 (encrypt$3 or encipher$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 09:59
L6	209	l5 with (key or cipher)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:13
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1 Efficient type inclusion tests   ▬
Jan Vitek, R. Nigel Horspool, Andreas Krall
October 1997 **ACM SIGPLAN Notices , Proceedings of the 12th ACM SIGPLAN
              conference on Object-oriented programming, systems, languages, and
              applications OOPSLA '97**, Volume 32 Issue 10
Publisher: ACM Press

Full text available: 📄 pdf(2.39 MB)   Additional Information: full citation, abstract, references, citings, index
                                                               terms

A type inclusion test determines whether one type is a subtype of another. Efficient type
testing techniques exist for single subtyping, but not for languages with multiple
subtyping. To date, the fast constant-time technique relies on a binary matrix encoding of
the subtype relation with quadratic space requirements. In this paper, we present three
new encodings of the subtype relation, the *packed encoding*, the *bit-packed encoding* and
the *compact encoding*. These encodings h ...

2 Efficient handling of multiple inheritance hierarchies   ▬
Yves Caseau
October 1993 **ACM SIGPLAN Notices , Proceedings of the eighth annual conference on
              Object-oriented programming systems, languages, and applications
              OOPSLA '93**, Volume 28 Issue 10
Publisher: ACM Press
Full text available: 📄 pdf(1.63 MB)   Additional Information: full citation, references, citings, index terms

3 Hierarchical optimization of optimal path finding for transportation applications ▬
Ning Jing, Yun-Wu Huang, Elke A. Rundensteiner
November 1996 **Proceedings of the fifth international conference on Information and
               knowledge management**
Publisher: ACM Press
Full text available: 📄 pdf(847.96 KB)   Additional Information: full citation, references, citings, index terms

4 Efficient subtyping tests with PQ-encoding   ▬
Yoav Zibin, Joseph Yossi Gil
October 2001 **ACM SIGPLAN Notices , Proceedings of the 16th ACM SIGPLAN
              conference on Object oriented programming, systems, languages, and
              applications OOPSLA '01**, Volume 36 Issue 11
Publisher: ACM Press

Subtyping test, i.e., determining whether one type is a subtype of another, are a frequent operation during the execution of object-oriented programs. The challenge is in encoding the hierarchy in a small space, while simulataneously making sure that subtyping tests have efficient implmentation. We present a new scheme for encoding multiple and single inheritance hierarchies, which, in the standardized hierarchies, reduces the footprint of all previsously published schemes. The scheme is ...

5 Quality adaptation for congestion controlled video playback over the Internet

Reza Rejaie, Mark Handley, Deborah Estrin

Streaming audio and video applications are becoming increasingly popular on the Internet, and the lack of effective congestion control in such applications is now a cause for significant concern. The problem is one of adapting the compression without requiring video-servers to re-encode the data, and fitting the resulting stream into the rapidly varying available bandwidth. At the same time, rapid fluctuations in quality will be disturbing to the users and should be avoided. In this paper we pres ...

6 Point-based rendering: Efficient high quality rendering of point sampled geometry

Mario Botsch, Andreas Wiratanaya, Leif Kobbelt

We propose a highly efficient hierarchical representation for point sampled geometry that automatically balances sampling density and point coordinate quantization. The representation is very compact with a memory consumption of far less than 2 bits per point position which does not depend on the quantization precision. We present an efficient rendering algorithm that exploits the hierarchical structure of the representation to perform fast 3D transformations and shading. The algorithm is ...

7 Position papers: Adding realtime applets and quality of service support to the world wide web

K. Lakshman, Madan Manoharan, Raj Yavatkar

Predictable Quality Of Service (QoS) in terms of controlled response time and guaranteed bandwidth is increasingly important in World Wide Web. We propose a variety of enhancements and extensions to the existing Web infrastructure so that Web applications and applets can provide predictable quality of service. The proposed extensions include addition of the notion of QoS to the HTML/HTTP/Java syntax, QoS negotiation and adaptation mechanisms in Java classes and threads, QoS reservation support a ...

8 Error control techniques for interactive low-bit rate video transmission over the Internet

Injong Rhee

Publisher: ACM Press

Full text available: pdf(1.49 MB)   Additional Information: full citation, abstract, references, citings, index terms

A new retransmission-based error control technique is presented that does not incur any additional latency in frame playout times, and hence are suitable for interactive applications. It takes advantage of the motion prediction loop employed in most motion compensation-based codecs. By correcting errors in a reference frame caused by earlier packet loss, it prevents error propagation. The technique rearranges the temporal dependency of frames so that a displayed frame is referenced for the decod ...

9 Low power FSM design using Huffman-style encoding

P. Surti, L. F. Chao, A. Tyagi

March 1997 **Proceedings of the 1997 European conference on Design and Test**

Publisher: IEEE Computer Society

Full text available: pdf(584.18 KB)   Additional Information: full citation, abstract, citings
Publisher Site

This paper presents a novel approach to synthesize low power FSMs using non-uniform code length. Switching activity is reduced by decreasing the expected number of state bits switched less than $[\log |S|]$ The state set S of the FSM is decomposed into two sets based on the limit state probabilities. The state set with very high probability is encoded with less than $[\log|S|]$ bits. The other state set, being less probable, is encoded using more than $[\log|S|]$ bits. To the best of our knowledge, this ...

Keywords: Huffman encoding algorithm, finite state machine, finite state machines, flip-flop, gated clock, limit state probability, low power FSM design, minterm, nonuniform code length, state set, switching activity

10 Summary of the 4th International Workshop on Network and Operating System Support for Digital Audio and Video (NOSSDAV'93)

G. S. Blair, A. Campbell, G. Coulson, N. Davies, F. Garcia, D. Shepherd

April 1994 **ACM SIGOPS Operating Systems Review**, Volume 28 Issue 2

Publisher: ACM Press

Full text available: pdf(1.11 MB)   Additional Information: full citation, index terms

11 Multimedia backroads (panel): low bandwidth implementations

John M. Danskin, Andres Albanese, Geoffrey M. Davis, Paul G. Jensen

January 1995 **Proceedings of the third ACM international conference on Multimedia**

Publisher: ACM Press

Full text available: htm(62.53 KB)   Additional Information: full citation, references, index terms

12 Summary of the 4th international workshop on Network and Operating System Support for Digital Audio and Video (NOSSDAV'93)

G. S. Blair, A. Campbell, G. Coulson, N. Davies, F. Garcia, D. Shepherd

January 1994 **ACM SIGCOMM Computer Communication Review**, Volume 24 Issue 1

Publisher: ACM Press

Full text available: pdf(1.05 MB)   Additional Information: full citation, abstract, index terms

This paper presents a summary of the fourth International Workshop on Network and Operating System Support for Digital Audio and Video held at Lancaster. The contents of each session (including panel and work in progress sessions) are described and major areas of controversy are highlighted. A complete bibliography of all papers presented is included.

13 <u>Query optimization for selections using bitmaps</u>

Ming-Chuan Wu

June 1999 **ACM SIGMOD Record , Proceedings of the 1999 ACM SIGMOD international conference on Management of data SIGMOD '99**, Volume 28 Issue 2

Publisher: ACM Press

Full text available: <u>pdf(1.54 MB)</u>　　　Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

Bitmaps are popular indexes for data warehouse (DW) applications and most database management systems offer them today. This paper proposes query optimization strategies for selections using bitmaps. Both continuous and discrete selection criteria are considered. Query optimization strategies are categorized into static and dynamic. Static optimization strategies discussed are the optimal design of bitmaps, and algorithms based on tree and logical reduction ...

14 <u>Space and time-efficient memory layout for multiple inheritance</u>

Peter F. Sweeney, Joseph (Yossi) Gil

October 1999 **ACM SIGPLAN Notices , Proceedings of the 14th ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications OOPSLA '99**, Volume 34 Issue 10

Publisher: ACM Press

Full text available: <u>pdf(2.30 MB)</u>　　　Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

Traditional implementations of multiple inheritance bring about not only an overhead in terms of run-time but also a significant increase in object space. For example, the number of compiler-generated fields in a certain object can be as large as quadratic in the number of its subobjects. The problem of efficient object layout is compounded by the need to support two different semantics of multiple inheritance: shared, in which a base class inherited along distinct ...

15 <u>Encoding Lexicalized Tree Adjoining Grammars with a nonmonotonic inheritance hierarchy</u>

Roger Evans, Gerald Gazdar, David Weir

June 1995 **Proceedings of the 33rd annual meeting on Association for Computational Linguistics**

Publisher: Association for Computational Linguistics

Full text available: <u>pdf(738.63 KB)</u>

<u>Publisher Site</u>　　　Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>

This paper shows how DATR, a widely used formal language for lexical knowledge representation, can be used to define an LTAG lexicon as an inheritance hierarchy with internal lexical rules. A bottom-up featural encoding is used for LTAG trees and this allows lexical rules to be implemented as covariation constraints within feature structures. Such an approach eliminates the considerable redundancy otherwise associated with an LTAG lexicon.

16 <u>Book reviews: Review of "Attribute-value logic and the theory of grammar" by Mark Johnson. Center for the Study of Language and Information 1988.</u>

Robert Kuhns

December 1989 **Computational Linguistics**, Volume 15 Issue 4

Publisher: MIT Press

Full text available: <u>pdf(354.37 KB)</u>

<u>Publisher Site</u>　　　Additional Information: <u>full citation</u>, <u>references</u>

17 <u>Inelegant Transportation Systems and Network Algorithms: Finding shortest paths in large network systems</u>

Edward P. F. Chan, Ning Zhang

November 2001 **Proceedings of the 9th ACM international symposium on Advances in geographic information systems**
Publisher: ACM Press
Full text available: pdf(1.69 MB)   Additional Information: full citation, abstract, references, index terms

> This paper describes a disk-based algorithm for finding shortest paths in a large network system. It employs a strategy of processing the network piece by piece and is based on new algorithms for graph partitioning and for finding shortest paths that overcome the problem of existing approaches. To show that it is scalable to large network systems and is adaptable to different computing environments, seven states in Tiger/Line files are extracted as test cases and are experimented on machines wit ...

18 Digital libraries for spatial data: The ADEPT digital library architecture

Greg Janée, James Frew
July 2002 **Proceedings of the 2nd ACM/IEEE-CS joint conference on Digital libraries**
Publisher: ACM Press

Full text available: pdf(263.61 KB)   Additional Information: full citation, abstract, references, citings, index terms

> The Alexandria Digital Earth ProtoType (ADEPT) architecture is a framework for building distributed digital libraries of georeferenced information. An ADEPT system comprises one or more autonomous libraries, each of which provides a uniform interface to one or more collections, each of which manages metadata for one or more items. The primary standard on which the architecture is based is the ADEPT bucket framework, which defines uniform client-level metadata query services that are compatible w ...

> **Keywords**: bucket framework, collection discovery, distribution, interoperability, metadata

19 Beyond SGML

Roger Price
May 1998 **Proceedings of the third ACM conference on Digital libraries**
Publisher: ACM Press
Full text available: pdf(1.12 MB)   Additional Information: full citation, references, index terms

20 L2imbo: a distributed systems platform for mobile computing

Nigel Davies, Adrian Friday, Stephen P. Wade, Gordon S. Blair
August 1998 **Mobile Networks and Applications**, Volume 3 Issue 2
Publisher: Kluwer Academic Publishers

Full text available: pdf(403.96 KB)   Additional Information: full citation, abstract, references, citings, index terms, review

> Mobile computing environments increasingly consist of a range of supporting technologies offering a diverse set of capabilities to applications and end-systems. Such environments are characterised by sudden and dramatic changes in the quality-of-service (QoS) available to applications and users. Recent work has shown that distributed systems platforms can assist applications to take advantage of these changes in QoS and, more specifically, facilitate applications to adapt to their environme ...

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Relevance scale ☐ ◰ ◲ ◼ ■

21 Hierarchically-organized, multihop mobile wireless networks for quality-of-service support   ◰
Ram Ramanathan, Martha Steenstrup
June 1998 **Mobile Networks and Applications**, Volume 3 Issue 1
Publisher: Kluwer Academic Publishers

Full text available: 📄 pdf(429.81 KB)   Additional Information: full citation, abstract, references, citings, index terms

> MMWN is a modular system of adaptive link- and network-layer algorithms that provides a foundation on which to build mechanisms for quality-of-service provision in large, multihop mobile wireless networks. Such networks are a practical means for creating a communications infrastructure where none yet exists or where the previously existing infrastructure has been severely damaged. These networks provide communications for such diverse purposes as tactical maneuvering and strategic planning ...

22 Accelerated volume rendering using homogeneous region encoding   ◰
Jason Freund, Kenneth Sloan
October 1997 **Proceedings of the 8th conference on Visualization '97**
Publisher: IEEE Computer Society Press
Full text available: 📄 pdf(867.76 KB)
📄 Publisher Site   Additional Information: full citation, references, citings, index terms

> **Keywords**: ray-casting, volume rendering

23 Multiresolution video   ◰
◈ Adam Finkelstein, Charles E. Jacobs, David H. Salesin
🔻 August 1996 **Proceedings of the 23rd annual conference on Computer graphics and interactive techniques**
Publisher: ACM Press
Full text available: 📄 pdf(646.52 KB)   Additional Information: full citation, references, citings, index terms

> **Keywords**: clip-art, compositing, image pyramids, multigrid methods, multimedia, scientific visualization, video editing

24

Inheritance in natural language processing
Walter Daelemans, Koenraad De Smedt, Gerald Gazdar
June 1992 **Computational Linguistics**, Volume 18 Issue 2
Publisher: MIT Press
Full text available: pdf(1.08 MB) Additional Information: full citation, abstract, references, citings
Publisher Site
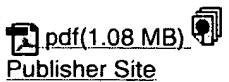
In this introduction to the special issues, we begin by outlining a concrete example that indicates some of the motivations leading to the widespread use of inheritance networks in computational linguistics. This example allows us to illustrate some of the formal choices that have to be made by those who seek network solutions to natural language processing (NLP) problems. We provide some pointers into the extensive body of AI knowledge representation publications that have been concerned with t ...

25 The JPEG still picture compression standard
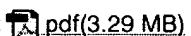Gregory K. Wallace
April 1991 **Communications of the ACM**, Volume 34 Issue 4
Publisher: ACM Press

Full text available: pdf(3.29 MB)   Additional Information: full citation, references, citings, index terms, review

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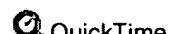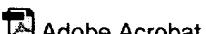
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      John Colter, Netscape Navigator

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1   Architecture for Protecting Critical Secrets in Microprocessors   ◲

◈   Ruby B. Lee, Peter C. S. Kwan, John P. McGregor, Jeffrey Dwoskin, Zhenghong Wang
    May 2005 **ACM SIGARCH Computer Architecture News , Proceedings of the 32nd
    Annual International Symposium on Computer Architecture ISCA '05,**
    Volume 33 Issue 2

Publisher: IEEE Computer Society, ACM Press

Full text available: 📄 pdf(143.62 KB)   Additional Information: full citation, abstract, index terms

We propose "secret-protected (SP)" architecture to enable secure and convenient
protection of critical secrets for a given user in an on-line environment. Keys are
examples of critical secrets, and key protection and management is a fundamental
problem ¿ often assumed but not solved ¿ underlying the use of cryptographic protection
of sensitive files, messages, data and programs. SP-processors contain a minimalist set of
architectural features that can be built into a general-purpose microprocess ...

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Last Name = CHOI
First Name = YANG-LIM

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09272321	6424741	150	03/19/1999	APPARATUS FOR ANALYZING IMAGE TEXTURE AND MEHTHOD THEREFOR	CHOI, YANG-LIM
09334632	6553069	150	06/17/1999	DIGITAL IMAGE SEGMENTING METHOD AND DEVICE	CHOI, YANG-LIM
09342270	6389417	150	06/29/1999	METHOD AND APPARATUS FOR SEARCHING A DIGITAL IMAGE	CHOI, YANG-LIM
09497504	6624821	150	02/04/2000	IMAGE TEXTURE RETRIEVING METHOD AND APPARATUS THEREOF	CHOI, YANG-LIM
09497519	6778697	150	02/04/2000	COLOR IMAGE PROCESSING METHOD AND APPARATUS THEREOF	CHOI, YANG-LIM
09497520	6970268	150	02/04/2000	COLOR IMAGE PROCESSING METHOD AND APPARATUS THEREOF	CHOI, YANG-LIM
09497522	7006569	150	02/04/2000	DIGITAL VIDEO PROCESSING METHOD AND APPARATUS THEREOF	CHOI, YANG-LIM
09556328	6978042	150	04/24/2000	COLOR IMAGE SEGMENTATION METHOD	CHOI, YANG-LIM
09562077	Not Issued	98	05/01/2000	COLOR IMAGE PROCESSING METHOD FOR INDEXING AN IMAGE USING A LATTICE STRUCTURE	CHOI, YANG-LIM
09727764	6870965	150	12/04/2000	TEXTURE DESCRIPTION METHOD AND TEXTURE-BASED IMAGE RETRIEVAL METHOD USING GABOR FILTER IN FREQUENCY DOMAIN	CHOI, YANG-LIM
09783135	6917927	150	02/15/2001	METHOD FOR INDEXING FEATURE VECTOR DATA	CHOI, YANG-LIM

				SPACE	
09794401	6745205	150	02/28/2001	METHOD OF INDEXING AND SEARCHING FEATURE VECTOR SPACE	CHOI, YANG-LIM
09822832	Not Issued	161	04/02/2001	Database building method for multimedia contents	CHOI, YANG-LIM
09822838	Not Issued	41	04/02/2001	Method of describing pattern repetitiveness of image	CHOI, YANG-LIM
09822853	Not Issued	83	04/02/2001	Method and device for measuring similarity between images	CHOI, YANG-LIM
09823272	Not Issued	123	04/02/2001	Indexing method of feature vector data space	CHOI, YANG-LIM
09884079	Not Issued	161	06/20/2001	Line based image matching method	CHOI, YANG-LIM
09885171	7023441	150	06/21/2001	SHAPE DESCRIPTOR EXTRACTING METHOD	CHOI, YANG-LIM
09916210	Not Issued	40	07/27/2001	Object activity modeling method	CHOI, YANG-LIM
10305173	7130845	150	11/27/2002	IMAGE RETRIEVAL METHOD AND APPARATUS INDEPENDENT OF ILLUMINATION CHANGE	CHOI, YANG-LIM
10419803	Not Issued	161	04/22/2003	Database building method for multimedia contents	CHOI, YANG-LIM
10430264	6853746	150	05/07/2003	COLOR IMAGE PROCESSING METHOD AND APPARATUS THEREOF	CHOI, YANG-LIM
10454524	Not Issued	93	06/05/2003	COLOR IMAGE PROCESSING METHOD	CHOI, YANG-LIM
10621390	Not Issued	83	07/18/2003	Digital video processing method and apparatus thereof	CHOI, YANG-LIM
10623800	Not Issued	30	07/22/2003	Apparatus and method for hierarchical encryption	CHOI, YANG-LIM
10633617	Not Issued	30	08/05/2003	Digital video processing method and apparatus thereof	CHOI, YANG-LIM
10653466	Not Issued	20	09/03/2003	Method for encrypting and decrypting metadata and method for managing metadata and system thereof	CHOI, YANG-LIM
10658552	Not Issued	41	09/10/2003	Method of indexing and searching feature vector space	CHOI, YANG-LIM
10712003	Not Issued	30	11/14/2003	Data encryption apparatus and method	CHOI, YANG-LIM
10779881	Not Issued	30	02/18/2004	Domain authentication method for exchanging content between devices	CHOI, YANG-LIM
10784777	Not	25	02/24/2004	Apparatus and system for data	CHOI, YANG-LIM

	Issued			copy protection and method thereof	
10795991	Not Issued	93	03/10/2004	METHOD AND APPARATUS FOR IMAGE TEXTURE DESCRIBING	CHOI, YANG-LIM
10809447	Not Issued	25	03/26/2004	Audio/video stream processing system and method for data copy protection	CHOI, YANG-LIM
10809524	Not Issued	25	03/26/2004	Audio/video stream processing system and method for data copy protection	CHOI, YANG-LIM
10836405	Not Issued	30	05/03/2004	System and method for authenticating content user	CHOI, YANG-LIM
10837716	Not Issued	30	05/04/2004	Method of establishing home domain through device authentication using smart card, and smart card for the same	CHOI, YANG-LIM
10849127	Not Issued	25	05/20/2004	System and method for audio/video data copy protection	CHOI, YANG-LIM
10867817	Not Issued	30	06/16/2004	Method of creating domain based on public key cryptography	CHOI, YANG-LIM
10953571	Not Issued	25	09/30/2004	Method of constructing domain based on public key and implementing the domain through universal plug and play (UPnP)	CHOI, YANG-LIM
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10958237	Not Issued	30	10/06/2004	Method of copying and decrypting encrypted digital data and apparatus therefor	CHOI, YANG-LIM
10985056	Not Issued	25	11/10/2004	Method of and apparatus for copying AV stream, and method of copying AV contents	CHOI, YANG-LIM
10994439	Not Issued	25	11/23/2004	Apparatus and method for recording data on and reproducing data from storage medium	CHOI, YANG-LIM
11000244	Not Issued	30	12/01/2004	System and method for building home domain using smart card which contains information of home network member device	CHOI, YANG-LIM
11002200	Not Issued	30	12/03/2004	Information storage medium capable of restricting number of times that data can be reproduced, method and apparatus for recording data on the information storage medium, and method and apparatus for reproducing data from the information storage	CHOI, YANG-LIM

				medium	
11002249	Not Issued	30	12/03/2004	Prepaid card type data recording medium, recording apparatus thereof, apparatus for providing contents, and method used for authenticating the data recording medium	CHOI, YANG-LIM
11004932	Not Issued	30	12/07/2004	Method of assigning user keys for broadcast encryption	CHOI, YANG-LIM
11010280	Not Issued	30	12/14/2004	Method of copying and reproducing data from storage medium	CHOI, YANG-LIM
11035106	Not Issued	30	01/14/2005	Data retransmission device and method	CHOI, YANG-LIM
11036321	Not Issued	30	01/18/2005	Apparatus and/or method for adaptively encoding and/or decoding scalable-encoded bitstream, and recording medium including computer readable code implementing the same	CHOI, YANG-LIM

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Application#	Patent#	Status	Date Filed	Title	Inventor Name
11045048	Not Issued	25	01/31/2005	Apparatus and method for updating copy control information of input data	CHOI, YANG-LIM
11068937	Not Issued	30	03/02/2005	Apparatus and method for reporting operation state of digital rights management	CHOI, YANG-LIM
11103588	Not Issued	30	04/12/2005	Object activity modeling method	CHOI, YANG-LIM
11104497	Not Issued	25	04/13/2005	Scheduled-recording method that schedules recording of copy-protected content	CHOI, YANG-LIM
11156665	Not Issued	30	06/21/2005	Apparatus and/or method for encryption and/or decryption for multimedia data	CHOI, YANG-LIM
11188714	Not Issued	25	07/26/2005	Method and apparatus for transmitting copy control information	CHOI, YANG-LIM
11191137	Not Issued	30	07/28/2005	Method of transmitting and reproducing content processed by various DRM systems	CHOI, YANG-LIM
11200306	Not Issued	25	08/10/2005	Method and apparatus for transmitting and receiving protected contents at home	CHOI, YANG-LIM
11242062	Not Issued	30	10/04/2005	Digital rights management conversion method and apparatus	CHOI, YANG-LIM
11402137	Not Issued	20	04/12/2006	Image retrieval method and apparatus independent of illumination change	CHOI, YANG-LIM
60118740	Not Issued	159	02/05/1999	PERCEPTUAL AND QUANTITATIVE IMAGE TEXTURE DESCRIPTOR FOR BROWSING AND SEARCH	CHOI, YANG-LIM
60118741	Not Issued	159	02/05/1999	PEER GROUP FILTERING AND COLOR QUANTIZATION SCHEME	CHOI, YANG-LIM
60118742	Not	159	02/05/1999	COLOR DESCRIPTOR OF	CHOI, YANG-LIM

	Issued			IMAGE	
60118750	Not Issued	159	02/05/1999	METHOD FOR DESCRIBING VIDEO INTENSITY USING MOTION COMPENSATION INFORMATION OF MPEG-2 STREAM AND VIDEO SEARCHING METHOD USING THE VIDEO INTENSITY	CHOI, YANG-LIM
60130643	Not Issued	159	04/23/1999	TECHNIQUE FOR COLOR SEGMENTATION OF STILL IMAGE	CHOI, YANG-LIM
60134550	Not Issued	159	05/17/1999	COLOR INDEXING SCHEME BASED ON LATTICE STRUCTURE	CHOI, YANG-LIM
60157077	Not Issued	159	10/01/1999	METHOD FOR ANALYZING OF STILL IMAGE TEXTURE	CHOI, YANG-LIM
60226586	Not Issued	159	08/21/2000	Scalable and adaptive index structure for similarity search in high dimensions	CHOI, YANG-LIM
60248010	Not Issued	159	11/14/2000	Modeling and recognition of human activity	CHOI, YANG-LIM
60248012	Not Issued	159	11/14/2000	Adaptive search in approximation-based index structures for varying distance measures	CHOI, YANG-LIM
60252391	Not Issued	159	11/15/2000	New method for indexing high-dimensional databases	CHOI, YANG-LIM
60333132	Not Issued	159	11/27/2001	Method for illuminant independent matching of the color descriptor	CHOI, YANG-LIM
60359309	Not Issued	159	02/26/2002	Method for illuminant detection and illuminant independent image search	CHOI, YANG-LIM
60410816	Not Issued	159	09/16/2002	Speculations on RMP of metadata in TV-Anytime	CHOI, YANG-LIM
60418160	Not Issued	159	10/15/2002	System to carry out integrity check of transported metadata	CHOI, YANG-LIM
60425259	Not Issued	159	11/12/2002	On requirements and outline of solutions on metadata security	CHOI, YANG-LIM
60525701	Not Issued	159	12/01/2003	Implementation of copyright domain management system over UPNP	CHOI, YANG-LIM
60548888	Not Issued	159	03/02/2004	Method for reporting media renderer processes in a control point and the apparatus thereof	CHOI, YANG-LIM
60561513	Not Issued	159	04/13/2004	Recording copy protected content in scheduled recording device	CHOI, YANG-LIM
60591878	Not Issued	159	07/29/2004	Method for performing compatibility between different digital rights management system	CHOI, YANG-LIM

				with a restricted transmission speed	
60616626	Not Issued	159	10/08/2004	Method for migrating content between different DRM system	CHOI, YANG-LIM

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Last Name = CHOI
First Name = YUN-HO

Application#	Patent#	Status	Date Filed	Title	Inventor Name
07407756	5015891	150	09/15/1989	OUTPUT FEEDBACK CONTROL CIRCUIT FOR INTEGRATED CIRCUIT DEVICE	CHOI, YUN-HO
07642746	5062082	150	01/18/1991	SEMICONDUCTOR MEMORY DEVICE WITH DELAY IN ADDRESS PREDECODER CIRCUIT INDEPENDENT FROM ATD	CHOI, YUN-HO
07767616	5180928	150	09/30/1991	CONSTANT VOLTAGE GENERATION OF SEMICONDUCTOR DEVICE	CHOI, YUN-HO
07785091	5315555	150	10/30/1991	SENSE AMPLIFIER FOR PERFORMING A HIGH-SPEED SENSING OPERATION	CHOI, YUN-HO
07813451	5270588	150	12/26/1991	DATA OUTPUT BUFFER WITH SELECTIVE BOOTSTRAP CIRCUIT	CHOI, YUN-HO
08009475	5343438	150	02/01/1993	SEMICONDUCTOR MEMORY DEVICE HAVING A PLURALITY OF ROW ADDRESS STROBE SIGNALS	CHOI, YUN-HO
08068547	5446697	150	05/28/1993	SEMICONDUCTOR MEMORY DEVICE	CHOI, YUN-HO
08101240	Not Issued	169	08/02/1993	BURN-IN ENABLE CIRCUIT OF A SEMICONDUCTOR MEMORY DEVICE AND BURN-IN TEST METHOD THEREOF	CHOI, YUN-HO
08101243	5467356	150	08/02/1993	BURN-IN CIRCUIT AND BURN-IN TEST METHOD	CHOI, YUN-HO
08130131	5384735	150	10/04/1993	DATA OUTPUT BUFFER OF A SEMICONDUCTOR MEMORY DEVICE	CHOI, YUN-HO
08130138	Not Issued	166	10/04/1993	SEMICONDUCTOR MEMORY	CHOI, YUN-HO
08511812	5889719	150	08/07/1995	SEMICONDUCTOR MEMORY	CHOI, YUN-HO

				DEVICE	
08511815	5610869	150	08/07/1995	SEMICONDUCTOR MEMORY DEVICE	CHOI, YUN-HO
08578151	5631871	150	12/29/1995	SYSTEM FOR SELECTING ONE OF A PLURALITY OF MEMORY BANKS FOR USE IN AN ACTIVE CYCLE AND ALL OTHER BANKS FOR AN INACTIVE PRECHARGE CYCLE	CHOI, YUN-HO
08580481	5590086	150	12/29/1995	SEMICONDUCTOR MEMORY HAVING A PLURALITY OF I/O BUSES	CHOI, YUN-HO
08580622	5703828	150	12/29/1995	SEMICONDUCTOR MEMORY	CHOI, YUN-HO
08580967	Not Issued	161	12/29/1995	SEMICONDUCTOR MEMORY	CHOI, YUN-HO
08581211	Not Issued	161	12/29/1995	SEMICONDUCTOR MEMORY	CHOI, YUN-HO
08647064	5854617	150	05/09/1996	CIRCUIT AND A METHOD FOR CONTROLLING A BACKLIGHT OF A LIQUID CRYSTAL DISPLAY IN A PORTABLE COMPUTER	CHOI, YUN-HO
08760695	Not Issued	161	12/05/1996	SYSTEM FOR PERFORMING REMOTE DIAGNOSTIC AND RESTORING SERVICES	CHOI, YUN-HO
08822148	5835956	150	03/17/1997	SYNCHRONOUS DRAM HAVING A PLURALITY OF LATENCY MODES	CHOI, YUN-HO
08905562	5838990	250	08/04/1997	CIRCUIT IN A SEMICONDUCTOR MEMORY FOR PROGRAMMING OPERATION MODES OF THE MEMORY	CHOI, YUN-HO
09012487	5964873	150	01/23/1998	METHOD FOR UPDATING A ROM BIOS	CHOI, YUN-HO
09157271	6343036	150	09/18/1998	MULTI-BANK DYNAMIC RANDOM ACCESS MEMORY DEVICES HAVING ALL BANK PRECHARGE CAPABILITY	CHOI, YUN-HO
10623800	Not Issued	30	07/22/2003	Apparatus and method for hierarchical encryption	CHOI, YUN-HO
10653466	Not Issued	20	09/03/2003	Method for encrypting and decrypting metadata and method for managing metadata and system thereof	CHOI, YUN-HO
10714801	Not	41	11/17/2003	Multi-chip package having	CHOI, YUN-HO

	Issued			·	increased reliabilty	
10784777	Not Issued	25	02/24/2004	Apparatus and system for data copy protection and method thereof	CHOI, YUN-HO
10984992	Not Issued	25	11/10/2004	Method and apparatus for recording video data, and method and apparatus for reproducing video data	CHOI, YUN-HO
11000941	Not Issued	30	12/02/2004	Process chamber for manufacturing seminconductor devices	CHOI, YUN-HO
11030808	Not Issued	71	01/05/2005	Lift pin for used in semiconductor manufacturing facilities and method of manufacturing the same	CHOI, YUN-HO
11134778	Not Issued	30	05/19/2005	Wireless communication terminal capable of informing valid playing time of multimedia data and method thereof	CHOI, YUN-HO
11156665	Not Issued	30	06/21/2005	Apparatus and/or method for encryption and/or decryption for multimedia data	CHOI, YUN-HO
11244007	Not Issued	30	10/06/2005	Apparatus and method for storing data	CHOI, YUN-HO
11317092	Not Issued	25	12/27/2005	Combination of showerhead and temperature control means for controlling the temperature of the showerhead, and deposition apparatus having the same	CHOI, YUN-HO
11447933	Not Issued	25	06/07/2006	Chamber inserts and apparatuses for processing a substrate	CHOI, YUN-HO
11450455	Not Issued	25	06/12/2006	Method of forming plasma and method of forming a layer using the same	CHOI, YUN-HO
11473029	Not Issued	25	06/23/2006	Apparatus and method for testing system board	CHOI, YUN-HO
11488692	Not Issued	20	07/19/2006	Method and apparatus for efficiently fixing transformed part of content	CHOI, YUN-HO
11490246	Not Issued	20	07/21/2006	Source gas-supplying unit and chemical vapor deposition apparatus having the same	CHOI, YUN-HO
11505949	Not Issued	25	08/18/2006	System and method for outputting icons in response to hot-key input	CHOI, YUN-HO
60410816	Not Issued	159	09/16/2002	Speculations on RMP of metadata in TV-Anytime	CHOI, YUN-HO
60418160	Not Issued	159	10/15/2002	System to carry out integrity check of transported metadata	CHOI, YUN-HO

60425259	Not Issued	159	11/12/2002	On requirements and outline of solutions on metadata security	CHOI, YUN-HO
60616119	Not Issued	159	10/06/2004	Method for implementing secure storage medium	CHOI, YUN-HO
60700336	Not Issued	159	07/19/2005	Effective data descrambling method	CHOI, YUN-HO
60701493	Not Issued	159	07/22/2005	Effective data descrambling method	CHOI, YUN-HO
60703003	Not Issued	159	07/28/2005	Effective data descrambling method	CHOI, YUN-HO

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Your Search was:

Last Name = KIM
First Name = YUN-SANG

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10264344	7079135	150	10/04/2002	METHOD OF WAVELETS-BASED MULTIRESOLUTION REPRESENTATION OF THREE-DIMENSIONAL IMAGE OBJECT	KIM, YUN-SANG
10623800	Not Issued	30	07/22/2003	Apparatus and method for hierarchical encryption	KIM, YUN-SANG
10653466	Not Issued	20	09/03/2003	Method for encrypting and decrypting metadata and method for managing metadata and system thereof	KIM, YUN-SANG
10784777	Not Issued	25	02/24/2004	Apparatus and system for data copy protection and method thereof	KIM, YUN-SANG
10809447	Not Issued	25	03/26/2004	Audio/video stream processing system and method for data copy protection	KIM, YUN-SANG
10809524	Not Issued	25	03/26/2004	Audio/video stream processing system and method for data copy protection	KIM, YUN-SANG
10849127	Not Issued	25	05/20/2004	System and method for audio/video data copy protection	KIM, YUN-SANG
10953579	Not Issued	30	09/30/2004	Method and apparatus for restriction use of storage medium using user key	KIM, YUN-SANG
10958237	Not Issued	30	10/06/2004	Method of copying and decrypting encrypted digital data and apparatus therefor	KIM, YUN-SANG
10985056	Not Issued	25	11/10/2004	Method of and apparatus for copying AV stream, and method of copying AV contents	KIM, YUN-SANG
10994439	Not Issued	25	11/23/2004	Apparatus and method for recording data on and reproducing data from storage medium	KIM, YUN-SANG
11002200	Not Issued	30	12/03/2004	Information storage medium capable of restricting number of times that data can be reproduced,	KIM, YUN-SANG

				method and apparatus for recording data on the information storage medium, and method and apparatus for reproducing data from the information storage medium	
11002249	Not Issued	30	12/03/2004	Prepaid card type data recording medium, recording apparatus thereof, apparatus for providing contents, and method used for authenticating the data recording medium	KIM, YUN-SANG
11004932	Not Issued	30	12/07/2004	Method of assigning user keys for broadcast encryption	KIM, YUN-SANG
11006775	Not Issued	71	12/08/2004	Method and apparatus for decrypting encrypted data by suing copy control information and computer readable recording medium for storing program for implementing the apparatus and method	KIM, YUN-SANG
11010280	Not Issued	30	12/14/2004	Method of copying and reproducing data from storage medium	KIM, YUN-SANG
11045048	Not Issued	25	01/31/2005	Apparatus and method for updating copy control information of input data	KIM, YUN-SANG
11047780	Not Issued	30	02/02/2005	Method of recording and/odr reproducing data under control of domain management system	KIM, YUN-SANG
11143784	Not Issued	30	06/03/2005	Self-enforcing method and method of transmitting and receiving content using the same	KIM, YUN-SANG
11156665	Not Issued	30	06/21/2005	Apparatus and/or method for encryption and/or decryption for multimedia data	KIM, YUN-SANG
60410816	Not Issued	159	09/16/2002	Speculations on RMP of metadata in TV-Anytime	KIM, YUN-SANG
60418160	Not Issued	159	10/15/2002	System to carry out integrity check of transported metadata	KIM, YUN-SANG
60425259	Not Issued	159	11/12/2002	On requirements and outline of solutions on metadata security	KIM, YUN-SANG

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